

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (currently amended): A coreless linear motor comprising:

a slider which is made up of an armature winding which includes a plurality of coils and a slider mounting table which supports the armature winding, and

a stator which is made up of permanent magnets which form a plurality of magnetic poles and back yokes, wherein

both left and right sides of the armature winding is sandwiched by the permanent magnets via a gap,

a concave portion is provided in a lower side of the slider mounting table,

a coil upper side which corresponds to an upper side of the plurality of coils ~~coil~~ is inserted in the interior of the concave portion in the slider mounting table, and

a space is provided in the vicinity of a coil lower side which corresponds to a lower side of the ~~coil~~ plurality of coils for performing a connecting process between the plurality of coils or the ~~coil~~ plurality of coils and a lead wire.

2. (original): The coreless linear motor as set forth in claim 1, wherein a space for performing a connecting process is provided directly below the coil lower side.

3. (original): The coreless linear motor as set forth in claim 1, wherein a space for performing a connecting process is provided on both left and right sides of the coil lower side.

4. (original): The coreless linear motor as set forth in any of claims 1 to 3, further comprising: a cooling passageway provided in the slider mounting table for the passage of a refrigerant or air.